



#### **PATENT**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Aleksandra Smiljanic

Examiner:

Unassigned

Serial No.:

10/798,077

Group Art Unit:

Unassigned

Confirmation No:

Unassigned

Docket:

1209-37

Filed:

March 11, 2004

Dated:

May 26, 2004

For:

Load Balancing Algorithms in

Non-Blocking Multistage

**Packet Switches** 

**Mail Stop Disclosure Documents** 

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

I hereby certify this correspondence is being deposited with the United States Postal Service as first class mail,

postpaid in an envelope, addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

on May 26, 2004

Signed:

#### INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

#### **UNITED STATES PATENTS**

| PATENTEE          | PATENT NO.   | ISSUE DATE         |
|-------------------|--------------|--------------------|
| Walia et al.      | 6,636,480 B1 | October 21, 2003   |
| Ramamurthy et al. | 6,618,379 B1 | September 9, 2003  |
| Storr             | 6,633,543 B1 | October 14, 2003   |
| Joung et al.      | 6,628,613 B1 | September 30, 2003 |

| Erimli et al.  | 6,405,258 B1 | June 11, 2002     |
|----------------|--------------|-------------------|
| Kim et al.     | 6,359,885 B1 | March 19, 2002    |
| Kanoh          | 6,341,313 B1 | January 22, 2002  |
| Lee            | 6,335,930    | January 1, 2002   |
| Kasper         | 6,307,835 B1 | October 23, 2001  |
| Charney et al. | 6,072,772    | June 6, 2000      |
| Bauman         | 6,046,979    | April 4, 2000     |
| Ramakrishnan   | 5,974,028    | October 26, 1999  |
| Van Loo et al. | 5,907,485    | May 25, 1999      |
| Ozveren et al. | 5,617,409    | April 1, 1997     |
| Ito et al.     | 5,539,747    | July 23, 1996     |
| Lund et al.    | 5,517,495    | May 14, 1996      |
| Spinney et al. | 5,390,173    | February 14, 1995 |
| Kullander      | 5,315,587    | May 24, 1994      |
| Dias et al.    | 4,785,446    | November 15, 1988 |
| Huang et al.   | 4,516,238    | May 7, 1985       |
| Asthana et al. | 4,057,711    | November 8, 1977  |
| Fraser         | 3,979,733    | September 7, 1976 |

## **NON-PATENT PUBLICATIONS**

- 1. Amit Singhal, et al., "Terabit switching: a survey of techniques and current products", *Computer Communications* <u>25</u>: 547-556 (2002).
- 2. Sundar Iyer, et al., "Analysis of a packet switch with memories running slower than the line-rate". Computer Systems Laboratory. Stanford University. www.ieee-infocom.org/2000/papers/111.pdf.

3. Jonathan S. Turner, "Optimal Nonblocking Multicast Virtual Circuit Switch" 0743-166x/94 IEEE: 298-305 (1994).

Chapter 3 - Point-to-Point Multi-State Circuit Switching from unknown publication.

(Further publication information will be forwarded shortly.)

Copies of the references set forth above are enclosed herewith and a separate listing of

the same has been set forth on the attached Form PTO-1449. The Examiner is respectfully

requested to consider these references in their entireties, and to indicate that he or she has

done so by initialing the enclosed Form PTO-1449.

In view of the present submission, it is believed that the present application is in all

respects complete, and in condition for examination and favorable consideration.

If the Examiner has any questions or comments relating to the present invention, he or

she is respectfully invited to contact Applicants' attorney at the telephone number set forth

below.

4.

Respectfully submitted,

Susan A. Sipos

Registration No.: 43,128

Attorney for Applicant(s)

HOFFMANN & BARON, LLP 6900 Jericho Turnpike Syosset, New York 11791

(516) 822-3550

SAS/nr

189547\_1

3

PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

| ATTY. DOCKET NO.     | SERIAL NO.       |
|----------------------|------------------|
| 1209-37              | 10/798,077       |
| APPLICANT            | CONFIRMATION NO. |
| Aleksandra Smiljanic | Unassigned       |
| FILING DATE          | GROUP            |
| March 11, 2004       | Unassigned       |

#### U.S. PATENT DOCUMENTS

|                     |                    | <del></del>    | 1                 |          |  |                               |
|---------------------|--------------------|----------------|-------------------|----------|--|-------------------------------|
| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE           | NAME              | CLASS    | SUB<br>CLASS                                 | FILING DATE<br>IF APPROPRIATE |
|                     | 6,636,480 B1       | Oct. 21, 2003  | Walia et al.      |          |  |                               |
|                     | 6,618,379 B1       | Sept. 9, 2003  | Ramamurthy et al. |          |  |                               |
|                     | 6,633,543 B1       | Oct. 14, 2003  | Storr             |          |  |                               |
|                     | 6,628,613 B1       | Sept. 30, 2003 | Joung et al.      |          |  |                               |
| ·                   | 6,405,258 B1       | June 11, 2002  | Erimli et al.     |          |  |                               |
|                     | 6,359,885 B1       | March 19, 2002 | Kim et al.        |          |  |                               |
|                     | 6,341,313 B1       | Jan. 22, 2002  | Kanoh             |          |  |                               |
|                     | 6,335,930          | Jan. 1, 2002   | Lee               |          |  |                               |
|                     | 6,307,835 B1       | Oct. 23, 2001  | Kasper            |          |  |                               |
|                     | 6,072,772          | June 6, 2000   | Charney et al.    |          |  |                               |
|                     | 6,046,979          | April 4, 2000  | Bauman            |          |  |                               |
|                     | 5,974,028          | Oct. 26, 1999  | Ramakrishnan      |          |  |                               |
|                     | 5,907,485          | May 25, 1999   | Van Loo et al.    | <u> </u> |  |                               |
|                     | 5,617,409          | April 1, 1997  | Ozveren et al.    |          | <u>,                                    </u> |                               |
|                     | 5,539,747          | July 23, 1996  | Ito et al.        |          |  |                               |
|                     | 5,517,495          | May 14, 1996   | Lund et al.       | -        |  |                               |
|                     | 5,390,173          | Feb. 14, 1995  | Spinney et al.    |          |  | -                             |
|                     | 5,315,587          | May 24, 1994   | Kullander         |          |  |                               |

### **EXAMINER**

#### DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

|   |                        |  |   |   |  | <del>~</del>  |
|---|------------------------|--|---|---|--|---|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE |                        |  | ATTY. DOCKET NO.<br>1209-37   |   | SERIAL NO.<br>10/798,077                                       |   |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  |                        |  | APPLICANT CONFIRMATION Aleksandra Smiljanic Unassigned  FILING DATE GROUP March 11, 2004 Unassigned |   | CONFIRMATION NO.<br>Unassigned                                 |   |
|   |                        |  |   |   |  |   |
|   | 4,785,446              | Nov. 15, 1988  | Dias et   | al.   |  |   |
|   | 4,516,238              | May 7, 1985  | Huang 6   | et al.  |  |   |
|   | 4,057,711<br>3,979,733 |  | Asthana   | et al.  |  |   |
|   |                        |  | Fraser  |   |  |   |
| C   | produ<br>Sund<br>slowe | Singhal, et al., "?<br>acts", Computer (<br>ar Iyer, et al., "Ander than the line-ra | Terabit sy<br>Communi<br>nalysis of<br>te". Con   | witching: a cations 25  f a packet aputer Sys | a survey of te<br>5: 547-556 (2)<br>switch with ratems Laborat | chniques and current<br>002).<br>nemories running<br>tory. Stanford |
|   | Jonat                  | han S. Turner, "C  | Optimal N   | Jonblockii                                    |  | l.pdf. Virtual Circuit Switch                                       |
|   |                        |  |   |   |  | ng from unknown<br>forwarded shortly.)                              |

### **EXAMINER**

#### DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.